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What is the Human Genome Organisation Ontology (HUGO)?

Human Genome Organisation (HUGO) Gene Nomenclature Committee at the European Bioinformatics Institute approves a gene name and symbol for each known human gene. Each symbol is unique and each gene is only given one approved gene symbol (short-form abbreviation). This facilitates electronic data exchange and retrieval.

What is the Human Genome Organisation?

An international organisation for scientists studying the human genome. HUGO has existed for over 20 years and currently has over 1200 members.

HUGO Ontology processing by NCI EVS

The HUGO Ontology is downloaded from the HUGO download page at http://www.genenames.org/cgi-bin/hgnc_stats.pl as a flat file of the entire Hugo Gene Nomenclature Committee (HGNC) dataset. It is then converted to an OWL file using a custom application available through our SVN repository at <https://gforge.nci.nih.gov/svnroot/evs-snippets/trunk/HugoToOwl>. The OWL file is then loaded into LexBIG using the generic OWL loader.

Discuss Human Genome Organisation Ontology

Please go to the [Human Genome Organisation Ontology Discussion](#) page to leave comments regarding the Human Genome Organisation Ontology.

Examples of comments may include:

- How you are using this terminology
- Why you decided to use (or not use) this terminology
- Strengths or limitations of the terminology
- Comparisons to other similar terminologies

Links

[Human Genome Organisation Ontology FAQ](#)

[Human Genome Organisation Ontology Home Page](#)

[Specific information on the HUGO Ontology](#)